

9/10/01

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION REPORT



I. HEADING

DATE: September 10, 2001

SUBJECT: MichCon, South Green Avenue Site: 201 South Green Avenue, Detroit, MI

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POLREP NO. 4

II. BACKGROUND

Site No.:	B552
Delivery Order Number:	Not Applicable
Response Authority:	CERCLA
NPL Status:	Not on NPL
MDEQ Notification:	Yes
Latitude/Longitude:	42° 17:59.780 North / 83° 06:40.216 West
Start Date:	PRP removal action started on August 13, 2001.
Completion Date:	Pending

III. SITE INFORMATION

A. Incident Category

(PRP) Site Removal

B. Site Description

1. Site Location

The South Green Avenue Site (subsequently referred to as the "Site") is at 201 South Green Avenue in southwest Detroit, Wayne County, Michigan.

2. Description of Threat

In February 1998, the U.S. EPA inspected the Site and issued an Action Memoranda stating that the conditions at the Site presented an imminent and substantial endangerment to human health or welfare or the environment. The U.S. EPA conducted removal actions at the Site that included removing surface debris and soils impacted with PCBs. The U.S. EPA submitted a draft Administrative Order by Consent (AOC) to Michigan Consolidated

Gas Company (MichCon). The AOC directed MichCon to conduct an Engineering Evaluation/Cost Analysis (EE/CA) for the purpose of evaluating the need for additional removal actions at the Site. Several removal actions were evaluated and the excavation/off-site disposal alternative was recommended.

#### IV. RESPONSE INFORMATION

##### A. Situation

###### 1. Current situation:

MichCon contracted IT Corporation (IT) and MPS Industrial and Environmental Services (MPS) to perform the onsite removal actions. IT completed a work plan, health and safety plan, air monitoring plan, and an emergency contingency plan. U.S. EPA and START contractor Tetra Tech EM Inc. (Tetra Tech) and Tetra Tech's subcontractor, Altech Environmental Services Inc. (Altech), have reviewed these documents. IT is conducting all field activities including Site documentation, air monitoring, and technical and administrative support. MPS is performing the removal actions. START is conducting site documentation, air monitoring, and technical and administrative support for U.S. EPA.

###### 2. Site activities since the previous POLREP:

Drum handling activities concluded on the Tuesday, August 28, 2001. The soil around the excavated drums was staged on the 200,000 cu. ft. gas holder foundation. Soil excavation activities continued on August 29, 2001 north of the gas holder foundation.

From August 30 through 31, 2001, the 75,000 cu. ft. gas holder foundation was demolished and removed. An access ramp into the excavation area was constructed and the cleaning of the excavation floor began. PID and LEL air monitoring instruments were mounted on the bulldozer working in the excavation area. The readings from the PID and LEL were monitored continuously. Sustained PID readings between 2.5 ppm and 10.0 ppm were measured. No detectable LEL readings were measured, indicating that there was not a problem with combustible gases. IT conducted air monitoring in the excavation area to check for presence of benzene. There was no indication for presence of benzene.

On September 4, 2001, a work progress meeting with U.S. EPA, IT, Tetra Tech, Altech and MPS representatives was held to discuss the excavation sidewall sample results, backfill sample results, and a new schedule for the project. The results of the sidewall sample analytical from IT and the sidewall sample analytical from START differed significantly. The analytical results of the backfill samples showed a high level of arsenic, selenium, and zinc compared to statewide default background levels. Re-analysis of these backfill samples showed much lower results for arsenic, selenium and zinc. To address these concerns sample splitting techniques were altered and on September 7, 2001, additional backfill samples were collected and submitted for analysis.

##### B. Planned Removal Activities

IT and MPS will continue excavation activities and waste disposal following the receipt of laboratory analytical results for the sidewall samples, backfill samples, and waste characterization of the contents of the excavated drums and impacted soils on the 200,000 cu. ft. gas holder foundation.

##### C. Next Steps

START will continue oversight until site activities have ceased.

D. Key Issues

The 75,000 cu. ft. gas holder foundation and the spray pond foundation have been completely removed. Part of the tar tank, 450 gas oil tank, and the tar well east of the site have been removed. About 85% of the extent of maximum removal action area has been excavated. Approximately 45% of the floor of the maximum removal action area has been excavated to clay. Potentially contaminated soils in the excavation were collected and removed off site for disposal. MPS sloped the southeast and the east sidewalls.

V. **COST INFORMATION**

Estimated costs as of August 13, 2001:

START	\$16,250
U.S. EPA	

The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data, which the OSC must rely upon, may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

VI. **DISPOSITION OF WASTES**

As of September 7, 2001: approximately 13,500 tons of nonhazardous soil have been transported offsite to Carlton Farms Landfill in Carlton, Michigan. As of August 29, 2001: approximately 130,400 gallons of non hazardous waste liquid have been transported to Dynecol, Inc. in Detroit, Michigan.